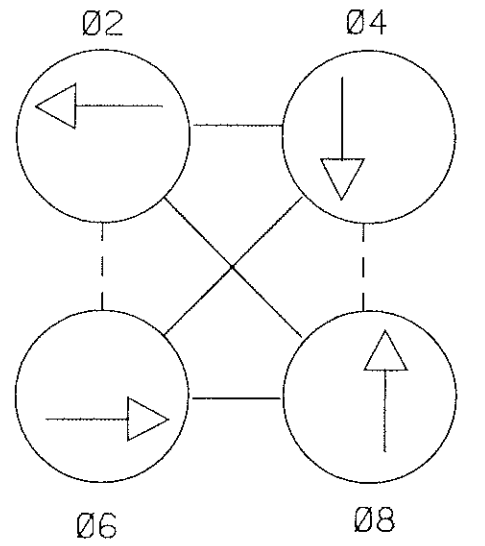
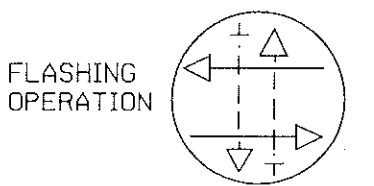


F.H.W.A. PROJECT NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD		1	2

NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



SIGNS



SIGNS ARE TO BE GIVEN TO
GEORGE MILLER IN DISTRICT.

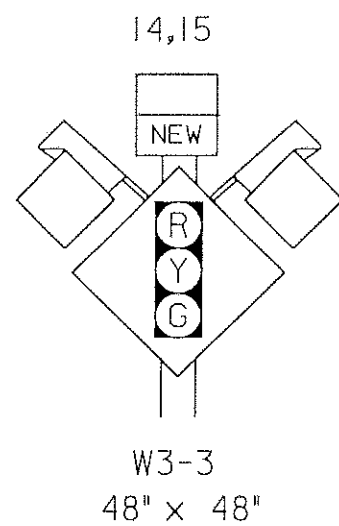
2 EACH
BROWNS BRG. RD.
Next Signal

24" X 54"

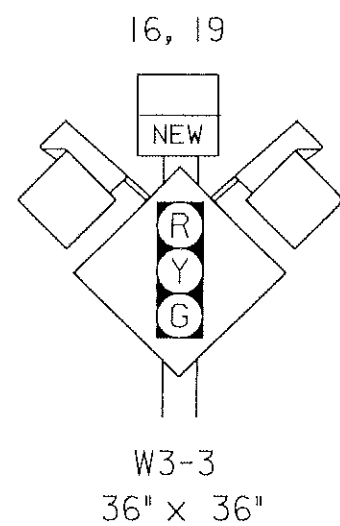
SIGNALS

1-9
R
Y
G
12"

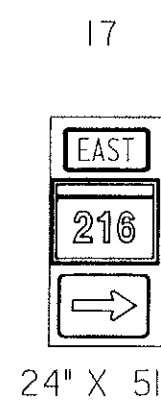
10, 12
BROWNS BRIDGE RD.
D3-2
16"x VARIABLE
DUAL-FACED



W3-3
48" X 48"



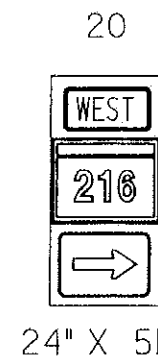
W3-3
36" X 36"



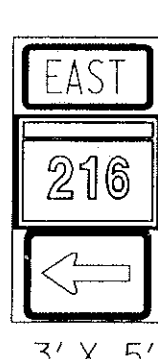
24" X 51"



3' X 5'



24" X 51"



3' X 5'

NOTE: MD 216 IS ASSUMED TO RUN IN AN
EAST-WEST DIRECTION.

CONSTRUCTION DETAILS

- REMOVE STOP SIGN.
- REMOVE PAVEMENT MARKING TAPE.
- INSTALL 27' STEEL POLE AND 38' MAST ARM, WITH 2" X 90" ANCHOR BOLTS, 15' LIGHTING ARM, 250 WATT HPS LUMINAIRE, PHOTOCELL, SIGNAL HEADS AND SIGNS. (NOTE ONE, 2" SCHEDULE 40 PVC BEND.)
- INSTALL 6' X 30' LOOP DETECTOR (3-6-3 TURNS).
- INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT - SLEEVE.
- INSTALL 1" ELECTRICAL CONDUIT-GALVANIZED SLEEVE.
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL GROUND MOUNTED SIGN.
- INSTALL 24" WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE FOR STOPLINE.
- INSTALL 27' STEEL POLE AND 38' MAST ARM, WITH 2" X 90" ANCHOR BOLTS, 3' X 4' CONCRETE PAD, SIGNALS, SIGNS, AND POLE MOUNTED CABINET AND CONTROLLER. (NOTE ONE 2" SCHEDULE 80, AND TWO 3" SCHEDULE 40 PVC BENDS.)
- INSTALL 27' STEEL POLE WITH TWIN 50' MAST ARMS (CUT ARM OVER MD 216 AT 28' AND THE ARM OVER BROWNS BRIDGE AT 46' CUT THE POLE AT 21'), WITH 2" X 90" ANCHOR BOLTS, SIGNAL AND SIGNS. (NOTE ONE, 2" SCHEDULE 40 PVC BENDS.)
- PROPOSED OVERHEAD POWER FEED BY BG&E.
- INSTALL 2" ELECTRICAL CONDUIT - PVC SCHEDULE 80 - PUSHED.
- TRIM TREE.
- INSTALL 2" ELECTRICAL CONDUIT - PVC SCHEDULE 40 - TRENCHED.
- INSTALL MICROLOOP PROBES (SET OF 3) WITH 500' LEAD-INS.
- INSTALL 3" ELECTRICAL CONDUIT - PVC SCHEDULE 40 - TRENCHED.
- INSTALL 6 INCH DOUBLE YELLOW PERMANENT PREFORMED PAVEMENT MARKING TAPE.
- INSTALL 6 INCH WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE.
- SAWCUT FOR PROBE.
- LEASED LIGHTING INSTALLED BY BG&E..
- INSTALL MICROLOOP PROBES (SET OF 3) WITH 1000' LEAD-INS.
- INSTALL 1" RISER FOR PHONE LINE.
- INSTALL 12 INCH YELLOW PERMANENT PREFORMED PAVEMENT MARKING TAPE.

UTILITY LEGEND
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES

NOTES:

- "D.O." INDICATES A DELAY-OUTPUT LOOP DETECTOR.
- THE DISTRICT CONTACT (GEORGE MILLER) WILL BE RESPONSIBLE FOR SELECTED TREE TRIMMING IN ALL DIRECTIONS OF THE INTERSECTION TO OBTAIN OPTIMAL SIGHT DISTANCE TO ALL SIGNAL HEADS.

REVISIONS		APPROVALS		MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION MD 216 AT BROWNS BRIDGE ROAD	
		 ASST. DIVISION CHIEF, T&S		DATE 7/8/96	
		 ASST. DISTRICT ENGINEER, TRAFFIC		DRAWN BY: CHECK BY:	
		 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION		F.A.P. NO. STPG-0005 (495)E S.H.A. NO. A105854, A105854, A105854 COUNTY HOWARD	
		 DIRECTOR, OFFICE OF TRAFFIC & SAFETY		PLAN SHEET NO.: TS-3612 SHEET NO.: 1 OF 2	